PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY	_			
To: JEFFRY S. MANN MORGAN LEWIS & BOCKIUS LLP 2 PALO ALTO SQUARE, SUITE 700	PCT REC'D 13 JUN 2000 WRITTEN OPINION OF THE			
3000 EL CAMINO REAL PALO ALTO, CA 94304		NAL SEARCHING AUTHORITY	PC	
TADO ADTO, GI 7500		(PCT Rule 43bis.1)		
	Date of mailing (day/month/year)	10 JUN 2005]	
Applicant's or agent's file reference	FOR FURTHER	ACTION See paragraph 2 below		
40853-5146WO International application No. International filing date	(day/month/year)	Priority date (day/month/year)	1	
PCT/US04/40709 03 December 2004 (03.	.12.2004)	03 December 2003 (03.12.2003)		
International Patent Classification (IPC) or both national classification			1	
IPC(7): A61K 38/16; 38/12 and US Cl.: 514/8; 530/324				
Applicant				
NEOSE TECHNOLOGIES, INC	SE TECHNOLOGIES, INC			
This opinion contains indications relating to the following items:				
Box No. I Basis of the opinion				
Box No. II Priority	t No. II Priority			
Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability				
Box No. IV Lack of unity of invention	. IV Lack of unity of invention			
	Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
Box No. VI Certain documents cited				
Box No. VII Certain defects in the international application				
Box No. VIII Certain observations on the international application				
2. FURTHER ACTION				
If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.				
If this opinion is, as provided above, considered to be a wriper a written reply together, where appropriate, with amer of Form PCT/ISA/220 or before the expiration of 22 months	ndments, before the ex	piration of 3 months from the date of mailing		
For further options, see Form PCT/ISA/220.				
3. For further details, see notes to Form PCT/ISA/220.				
Name and mailing address of the ISA/ US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria Virginia 22313-1450	Authorized office Thomas S Froard	SILIZA DOLLAN		

Facsimile No. (703) 305-3230
Form PCT/ISA/237 (cover sheet) (January 2004)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US04/40709

Box N	o. I Basis of this opinion				
	regard to the language, this opinion has been established on the basis of the international application in the language in which it				
	This opinion has been established on the basis of a translation from the original language into the following language which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).				
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:					
a.	type of material				
	a sequence listing				
	table(s) related to the sequence listing				
b.	format of material				
	in written format				
	in computer readable form				
c.	time of filing/furnishing				
	contained in international application as filed.				
	filed together with the international application in computer readable form.				
	furnished subsequently to this Authority for the purposes of search.				
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.				
4. Addi	. Additional comments:				

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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US04/40709

IN TERNATIONAL SEARCHING		tive eten or industrial		
Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
applicability; citations and expira-	mations supporting sees succession			
Statement				
Novelty (N)	Claims 1-23	YES		
,,	Claims NONE	NO		
		YES		
Inventive step (IS)	Claims 1-23 Claims NONE			
	Claims NONE			
	Claims 1-23	YES		
Industrial applicability (IA)	Claims NONE	NO		
	Claims Itoria			
Citations and explanations:				
claims 1-23 meet the criteria set out in PCT Articled and pegylation of FSH as disclosed in the instant a	e 33(2)-(3), because the prior art does not teach or	fairly suggest the glycosylation		
nd pegylation of FSH as disclosed in the instant	e 33(4), and thus have industrial applicability because	ause the subject matter claimed can		
laims 1-23 meet the criteria set out in PCT Article to made or used in industry.	e 33(4), and thus have industrial applications,	,		
s made of used in indusary.				

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